

# FEBRUARY

at the

CALIFORNIA ACADEMY OF SCIENCES

## FEBRUARY MEETING

DATE: Wednesday evening, February 14  
TIME: 8:00 p.m. (One meeting only)  
PLACE: May Treat Morrison Auditorium  
SPEAKERS: Dr. Frank A. Pitelka  
SUBJECT: "POLAR ECOLOGY"

Dr. Pitelka, who is a Professor of Zoology at the University of California at Berkeley and Executive Chairman, Miller Institute for the Basic Sciences, has been associated with the Arctic Research Laboratory for 17 years. His research has been mainly concerned with animal ecology and a particular interest the study of the short-term cycle in lemmings and an attempt to discover the central meaning in the operation of tundra communities. Lemmings, small rodents of circumpolar distribution, belong to the genera *Lemmus* and *Dicrostonyx*, being four or five inches long with a very short tail, furry feet and small ears and tawny yellowish the prevailing color.

Kodachrome slides taken by Dr. Pitelka in northern Alaska will precede a twenty-minute film in color produced by the University of California Extension Film Production Unit.

As indicated above, only one meeting at 8:00. Your Academy membership card is your entry into the Morrison Auditorium. In case of a capacity crowd, late-comers will be invited to witness the sky show in Morrison Planetarium.

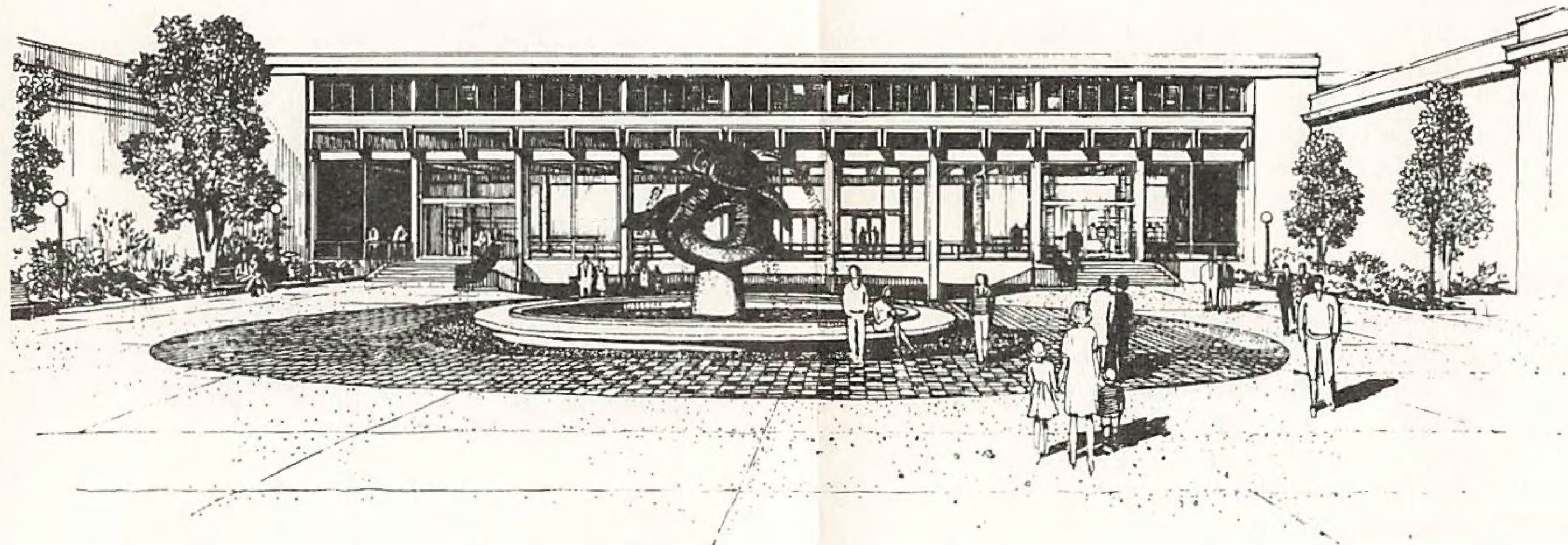
## MORRISON PLANETARIUM

"THE OTHER 99,999,999,999" continues in the Theatre of the Stars through February 25. A star is not just a star. Some are old and some are young; some hot, some cold; large and small; near and far; single and double — a host of fascinating variations and characteristics. Like people, stars are made of the same stuff — yet different.

Performances daily at 2:00 p.m. with evening shows, Wednesday through Sunday, at 8:30. Extra matinees on Saturdays and Sundays at 3:30. Closed on Monday and Tuesday nights. Admission: Adults, \$1.00. Children, students, service personnel, 50c.

(Continued on reverse)

## NEWS and NOTES . . . . .



PICTURED ABOVE is an architect's rendering of Cowell Hall, now under construction, as it will be seen from the entrance of Steinhart Aquarium. The building is of glass and cement, integrally colored, with a light sandblast finish to co-ordinate with the adjoining North American and Simson African Halls. The expansive courtyard is of tinted exposed aggregate. The Fountain of Whales is surrounded by a wide band of ochre brick in a basket weave pattern. The inner area next to the pool, in which four streams of water will play, is of grey river rock, and the seat around the fountain itself is of the same material as the building.

Metal handrails lead down to the exhibit and buffet area below the main loggia. The top floor will house the new administrative offices. Surrounding the entire courtyard are lighting standards topped with glass spheres.

The architect for the structure is Milton T. Pflueger of San Francisco, and the contractor is MacDonald & Nelson, Inc., of Oakland. Estimated completion date is March 1969. The new Cowell Hall has been made possible by a gift in the amount of \$1,550,000 from the S. H. Cowell Foundation of San Francisco.

MISCELLANEA: Dr. Edward S. Ross, Curator of Entomology, returned to the Academy in late December from his most recent "insect safari" which lasted four months and took him and his party some 10,000 miles through various sections of Africa (see the 1967 September NEWSLETTER). . . . Through the generosity of the San Francisco Alumnae of Chi

Omega, Steinhart Aquarium is more colorful by a group of exotic fishes from the Indo-Pacific. A contribution from the group made the purchase of these beauties possible. Mrs. Cristina Iannone Mack, President, made the presentation.

## RECENT SCIENTIFIC PUBLICATIONS

of the

## CALIFORNIA ACADEMY OF SCIENCES

### Proceedings

"Some Observations on Reproduction, Growth, and Social Behavior in the Steller Sea Lion". Robert T. Orr and Thomas C. Poulter. Vol. XXXV, No. 10. November 27, 1967 .....65c

"A New Species of *Phrynocephalus* (Sauria: Agamidae) from Afghanistan, with Remarks on *Phrynocephalus ornatus* Boulenger". Steven C. Anderson and Alan E. Leviton. Vol. XXXV, No. 11. November 27, 1967 ....25c

"Observations on the Natural History of the Western Banded Glowworm *Zarhipis integripennis* (Le Conte) (Coleoptera: Phengodidae)". Darwin L. Tiemann. Vol. XXXV, No. 12. November 27, 1967 .....75c

"Faunal Affinities of Some Hawaiian Bryozoa (Ectopora)". Dorothy F. Soule and John D. Soule. Vol. XXXV, No. 13. November 27, 1967 .....25c



(February News Notes continued)

### MORRISON AUDITORIUM

"THE SEA OF CORTEZ", an hour-long documentary film in color photographed in and around the Gulf of California is shown exclusively at the Academy on Saturdays and Sundays at 12:45, 2:15 and 3:45 p.m. Admission: Adults, \$1.00. Children (under 16), students and armed services personnel, 50c.

### SPECIAL EXHIBITS

From the Academy Collections: "CRINOID", a fossilized animal well over one hundred million years old taken from the Swabian Jura of southwest Germany. Continues through March.

"COASTAL REDWOOD FORESTS", color photographs by Mr. Howard King, are on view in the Alice Eastwood Hall of Botany.

"CAMOUFLAGE IN NATURE", color photographs by Dr. Edward S. Ross, continues indefinitely in Lovell White Hall of Man and Nature.

Work proceeds on the new Hall of Minerals adjacent to North American Hall. Exhibits devoted to the following have been completed and may be seen in the section devoted to geology: "Rocks of the San Francisco Bay Region", "Weathering", "Earthquakes", "Seismograph", "Erosion", and "Volcanism". A truly dazzling exhibit of fluorescent minerals is at the end of this part of the Hall and we urge you, without fail, to enjoy the wonderment of these glowing rocks under black light.

Construction is under way for the systematic collection exhibit which will be finished in 1968.

### FRANCIS XAVIER WILLIAMS

1883 - 1968

An Honorary Member, a Life Member, a Fellow, and Research Associate in the Department of Entomology, who, throughout his life, contributed mightily and figured prominently in the early history of the Academy — having been an important member of the 1905 expedition to the Galapagos Islands. Dr. Williams will long be remembered by his many friends and associates. Though we regret his passing, we rejoice in his many distinguished achievements.

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Admission Free

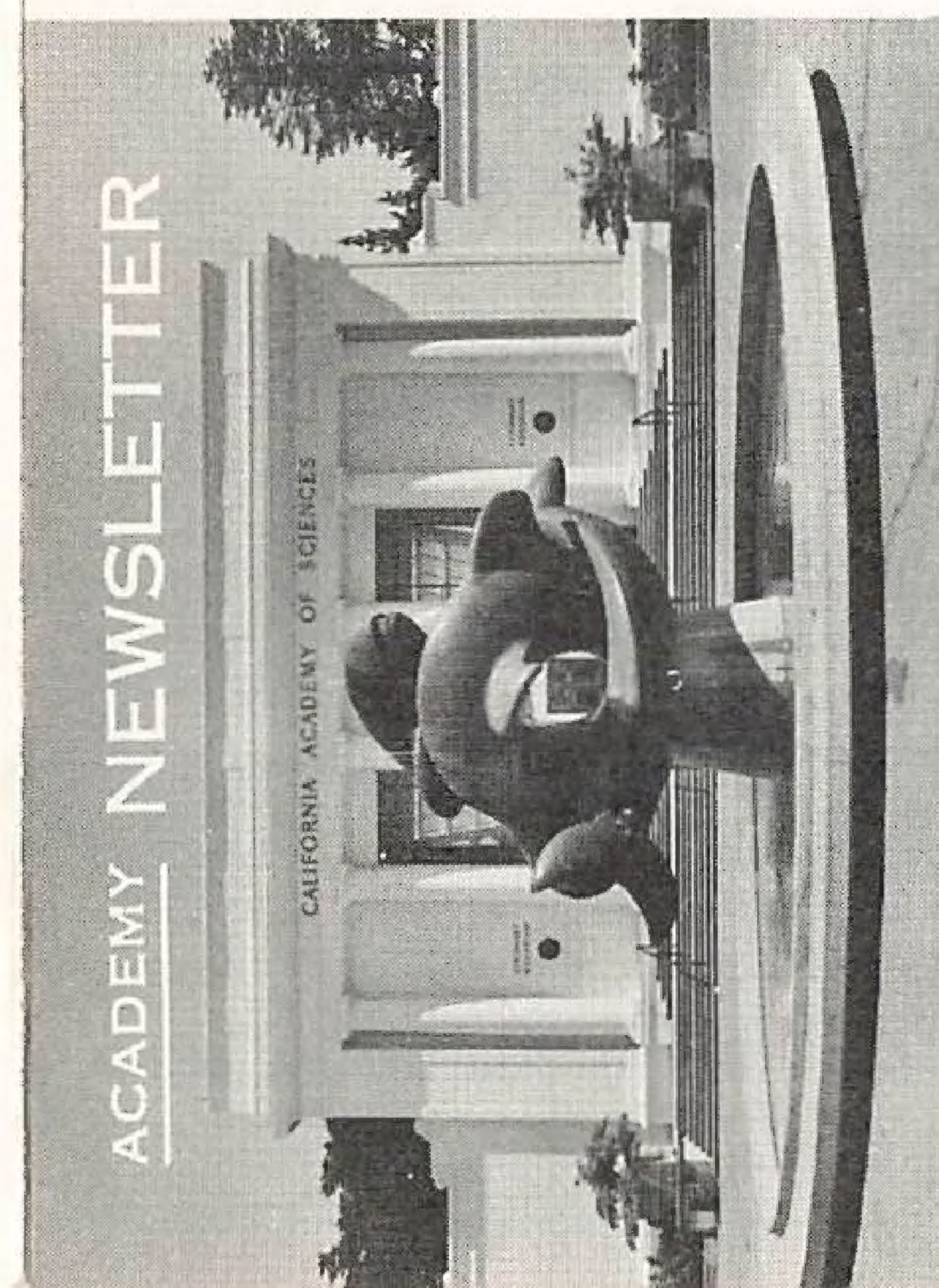
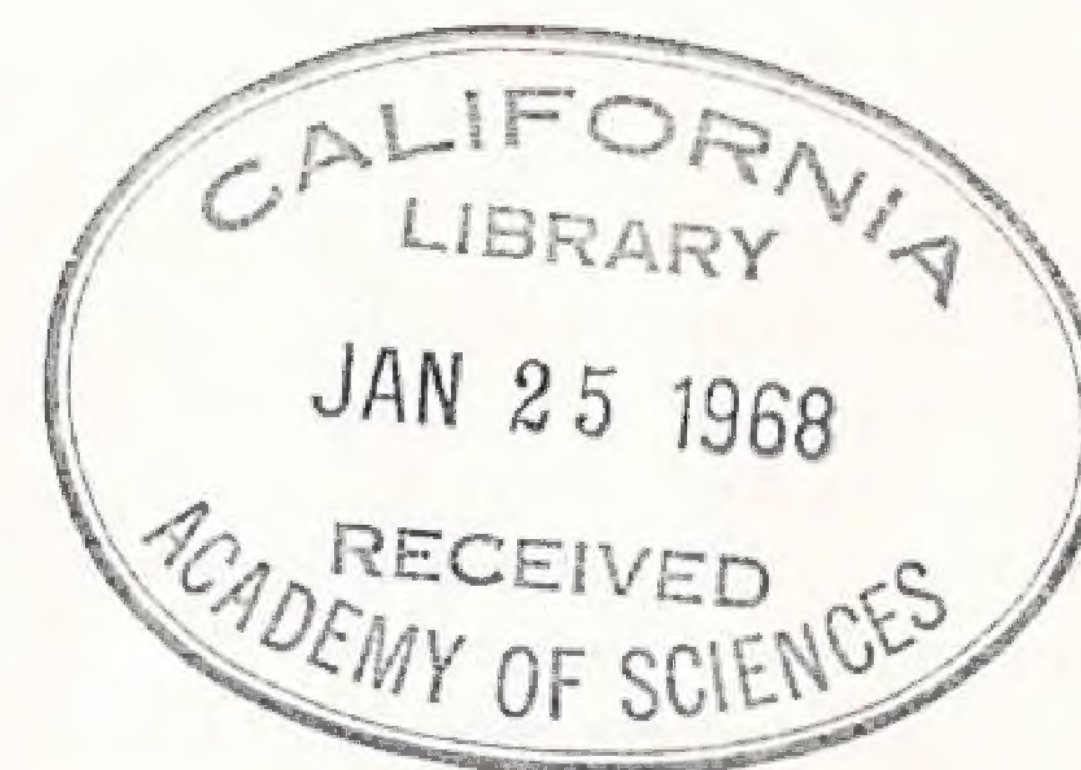
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